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Assistant Commissioner for Patents,  
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*[Signature]*  
Attorney for Applicants

Date 5/4/98

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of )  
)  
ANDRE M. KALEND, JOEL )  
GREENBERGER, KARUN B. )  
SHIMOGA, CHARALAMBOS N. )  
ATHANASSIOU and TAKEO KANADE )  
)  
Serial No. 08/739,622 )  
Filed: 10/29/96 )  
)  
Entitled: )  
)  
APPARATUS FOR MATCHING X-RAY )  
IMAGES WITH REFERENCE IMAGES )

Examiner: D. V. Bruce

Group Art Unit 2506

Batch No. A43

Attorney Docket No. 127442

600 Grant Street, 42nd Floor  
Pittsburgh, PA 15219

Assistant Commissioner for Patents  
BOX ISSUE FEE  
Washington, D.C. 20231

**AMENDMENT UNDER RULE 312**

Dear Sir:

Please amend the above identified application as follows:

**In the Claims:**

1. (Amended) Apparatus for automatically matching a portal  
image with a simulation image, said apparatus comprising: